



FORM PTO-1449	SERIAL NO. Not yet assigned	CASE NO. 3614/171
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	FILING DATE Herewith	GROUP ART UNIT FROM PRIOR APPLICATION 3762
(use several sheets if necessary)		APPLICANT(S): Alan Y. Chow et al.

## REFERENCE DESIGNATION

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER <small>Number-Kind Code (if known)</small>	DATE	NAME	CLASS/ SUBCLASS	FILING DATE
	A1	2,760,483	Oct., 1956	Tassicker		
	A2	3,594,823	Jul., 1971	Collins		
	A3	3,628,193	Dec., 1971	Collins		
	A4	3,766,311	Oct., 1973	Boll		
	A5	3,848,608	Nov., 1974	Leonard		
	A6	3,914,800	Oct., 1975	Collins		
	A7	4,001,867	Jan., 1977	Kravitz et al.		
	A8	4,211,474	July, 1980	Le Goff		
	A9	4,251,887	Feb., 1981	Anis		
	A10	4,272,910	Jun., 1981	Danz		
	A11	4,551,149	Nov., 1985	Sciarra		
	A12	4,600,004	Jul., 1986	Lopez et al.		
	A13	4,601,545	Jul., 1986	Kern		
	A14	4,628,933	Dec., 1986	Michelson		
	A15	4,679,572	Jul., 1987	Baker, Jr.		
	A16	4,750,498	Jun., 1988	Graham		
	A17	4,810,050	May, 1989	Hooper		
	A18	4,836,202	Jun., 1989	Krasner		
	A19	4,873,448	Oct., 1989	Shirai		
	A20	4,978,842	Dec., 1990	Hinton et al.		
	A21	5,016,633	May, 1991	Chow		
	A22	5,024,223	Jun., 1991	Chow		
	A23	5,109,844	May, 1992	De Juan et al.		
	A24	5,130,528	Jul., 1992	Phillips, Jr.		
	A25	5,130,776	Jul., 1992	Popovic et al.		
	A26	5,159,927	Nov., 1992	Schmid		
	A27	5,223,728	Jun., 1993	Gempe		
	A28	5,256,882	Oct., 1993	Miyasaka		
	A29	5,338,991	Aug., 1994	Lu		
	A30	5,351,309	Sep., 1994	Lee et al.		
	A31	5,397,350	Mar., 1995	Chow et al.		
	A32	5,411,540	May, 1995	Edell et al.		
	A33	5,476,494	Dec., 1995	Edell et al.		
	A34	5,491,349	Feb., 1996	Komoto et al.		
	A35	5,556,423	Sep., 1996	Chow et al.		

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EXAMINER INITIAL	DOCUMENT NUMBER <small>Number-Kind Code (If known)</small>	DATE	NAME	CLASS/ SUBCLASS	FILING DATE
	A36	5,648,655	Jul., 1997	Rostoker	
	A37	5,717,201	Feb., 1998	Lin et al.	
	A38	5,837,995	Nov., 1998	Chow et al.	
	A39	5,895,415	Apr., 1999	Chow et al.	
	A40	6,230,057	May, 2001	Chow et al.	
	A41	6,389,317	May, 2002	Chow et al.	

## FOREIGN PATENT DOCUMENTS

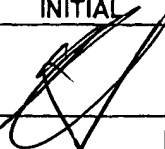
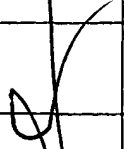
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	A42	195 29 371 A1	Feb., 1997	DE	
	A43	0 084 621	Aug., 1983	EP	
	A44	0 233 789	Aug., 1987	EP	
	A45	0 501 904 A2	Sep., 1992	EP	
	A46	GB 2 229 543 A	Sep., 1990	Great Britain	


EXAMINER INITIAL	OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)	
	A47	Article published in Science News, Feb. 2, 1974, vol. 105, No. 5, p. 105. Jerald Graeme, Photodiode Amplifiers OP Amp Solutions, Position-Sensing Photodiode Amplifiers--Chapter 10, published 1995.
	A48	Sze S.M. Textbook "Physics of Semiconductor Devices", Second Edition, John Wiley & Sons, pp. ix-xii, 32, 78, 415, 433, 749, 754-760, 790-791, 799-801, dated 1981.
	A49	Chapin, D.M. "A New Silicon p-n Junction Photocell for Converting Solar Radiation Into Electrical Power", Journal of Applied Physics, vol. 25, 1954, pp. 676-677.
	A50	Flynn, J.B. "Total Active Area Silicon Photo Diode Array", IEEE Transactions on Electron Devices, vol. ED-16, No. 10, Oct. 1969, pp. 877-879.
	A51	Ando, H. "Design Consideration and Performance Of A New MOS Imaging Device", IEEE Transactions On Electron Devices, vol. ED-32, No. 8, Aug. 1985, pp. 1484-1489.
	A52	Bergmann-Schaefer, Textbook "Lehrbuch Der Experimentalphysik", Walter de Gruyter, 1971, pp. 512-513 and translation.

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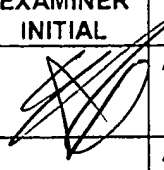
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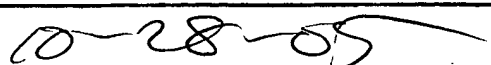
EXAMINER INITIAL	OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)	
	A53	Rosen, J.M. "A Merger Of Microsurgery And Microelectronics" in: Andrade J.D. et al. (Ed.), "Artificial Organs", VCH Publishers, 1967, pp. 583-594.
	A54	Encyclopedia of Electronics, 2.sup.nd Ed., 1990, pp. 640-642, 645.
	A55	The Photonics Design & Applications Handbook 1996, Book 3, "Detectors" Expanded Photodetector Choices Pose Challenges for Designers, pp. H-115-H-118.
	A56	Illingworth, The Penguin Dictionary of Electronics, 2.sup.nd Ed. 1988, pp. 410-413.
	A57	Lin et al., "The Vertical Intergration of Crystalline NMOS and Amorphous Orientational Edge Detector", IEEE Transactions on Electron Devices, vol. 39, No. 12, Dec. 1992.
	A58	Shannon, R.V. "A Model Of Safe Levels For Electrical Stimulation", IEEE Tarns Biomed Eng., 1992; 39:424-426.
	A59	Armington, J.C., Brigell, M. "Effects Of Stimulus Location And Pattern Upon The Visually Evoked Cortical Potential And The Electroretinogram", Int. J. Neurosci, 1981; 14:169-178.
	A60	Fenwick, P.B.C., Stone, S.A. Bushman, J., Enderby, D., "Changes In The Patter Reversal Visual Evoked Potential As A Function Of Inspired Nitrous Oxide Concentration", Electroencephalog Clin Neurophysiol, 1984; 57:178-183.
	A61	Rovamo, J., Virsu, A., "An Estimation And Application Of The Human Cortical Magnification Factor", Exp Brain Res., 1979; 37:495-510.
	A62	Rovamo, J., Virsu, A., "An Estimation And Application Of The Human Cortical Magnification Factor", Exp Brain Res., 1979; 37:495-510.
	A63	Knighton R.W. "An Electrically Evoked Slow Potential Of The Frog's Retina. I. Properties Of Response", J. Neurophysiol, 1975; 38-185-197.
	A64	Brindley, G.S. "The Site Of Electrical Excitation Of The Human Eye", J. Physiol, 1955; 127-189-200.
	A65	Brindley G.S., "Beats Produced By Simultaneous Stimulation Of The Human Eye With Intermittent Light And Intermittent Or Alternating Electric Current", J. Physiol, 1962; 164:156-167.

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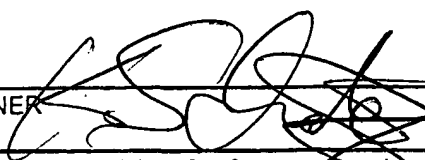
EXAMINER INITIAL	OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)	
	A66	Potts, AM, Inoue J., Buffum D., "The Electrically Evoked Response Of The Visual System (EER)", Invest Ophthalmol Vis Sci., 1968; 7:269-278.
	A67	Humayun M.S., Propst R.H., Hichingbotham, D., de Juan E. Jr., Dagnelie G., "Visual Sensations Produced By Electrical Stimulation Of The Retinal Surface In Patients With End-Stage Retinitis Pigmentosa (RP)", ARVO Abstracts, Invest Ophthalmol Vis. Sci., 1993; 34 (Suppl):835.
	A68	Tasman E., ed. Duane's Foundations of Clinical Ophthalmology, vol. 3, Philadelphia, Lippincott, 1992; chapter 13:20-25, chapter 50:1-12.
	A69	Stone J.L., Barlow, W.E., Humayun, M.S., de Juan E., Jr., Milam, A.H., "Morphometric Analysis Of Macular Photoreceptor And Ganglion Cells In Retinas Pigmentosa", Arch Ophthalmol, 1992; 110:1634-1639.
	A70	Pagon, R.A., "Retinitis Pigmentosa", Surv Ophthalmol., 1988, 33:137-177.3
	A71	Eagle, R.C., Lucier, A.C., Bernardino, V.B., et al., "Retinal Pigment Epithelial Abnormalities In Fundus Flavimaculatus", Ophthalmol, 1980; 87:1189-1200.
	A72	Article published in Science, Jul., 1981. Dowling, J.E., Ripps, H, "Visual Adaptation In The Retina Of The Skate", J Gen Physiol. 1970; 56:491-520.
	A73	Humayun, M., Propst R., De Juan, E., et al. "Bipolar Surface Electrical Stimulation Of The Vertebrate Retina", Arch Ophthalmol, 1994; 112:110-116.
	A74	Narayanan, M.V., Rizzo, J.F., Edell, D., et al. "Development Of A Silicon Retinal Implant: Cortical Evoked Potentials Following Focal Stimulation Of The Rabbit Retina With Light And Electricity", ARVO Abstracts, Invest Ophthalmol Vis Sci., 1994; 35(Suppl):1380.
	A75	Dawson, W.W., Radtke, N.D., "The Electrical Stimulation Of The Retina by Indwelling Electrodes", Invest Ophthalmol Vis Sci., 1977; 16:249-252.
	A76	Brady, G.S., Clauser, H.R., Materials Handbook, Thirteenth Edition, New York, McGraw-Hill, 1991; 739-740.
	A77	Paton, D., Goldberg, M.F., Management Of Ocular Injuries, Philadelphia, W.B. Saunders Co., 1976; 739-740.

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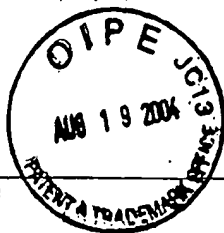
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EXAMINER INITIAL	OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)	
	A78	Terr, L.I., Linthicum, F.H., House, W.F., "Histopathologic Study Of The Cochlear Nuclei After 10 Years Of Electrical Stimulation Of The Human Cochlea", Am J Otol., 1988; 9:1-7.
	A79	Agnew, W.F. McGreery, D.B. Neural Prostheses Fundamental Studies, Englewood Cliffs, Prentice Hall, 1990: 25-65.
	A80	Curcio, C.A., Sloan, K.R., Kalaha, R.E. Hendrickson, A.E., "Human Photoreceptor Topography", J of Comparative Neurology, 1990; 292:497-523.
	A81	Brown et al., "Monolithically Integrated 1 X 12 Array Of Planar InGaAs/InP Photodiodes", Journal of Lightwave Technology, vol. LT-4, No. 3, Mar. 1986, pp. 283-286.
	A82	Melen, et al. "A Transparent Electrode CCD Image Sensor For A Reading Aid For The Blind", IEEE Journal Of Solid-State Circuits, vol. sc-9, No. 2, Apr. 1974, pp. 41-68.
	A83	Kataoka, "An Attempt Towards An Artificial Retina: 3-D IC Technology For An Intelligent Image Sensor", Transducers '85: International Conference On Solid-State Sensors And Actuators 1985, pp. 440-442.
	A84	Hagins, W.A., Penn, R.D., Yoshikami, S. "Dark Current And Photocurrent In Retinal Rods", Biophys J., 1970; 10:380-412.
	A85	Tomita, T., "Electrical Activity Of Vertebrate Photoreceptor", Q Rev Biophys., 1970, 3:179-222.
	A86	Baylor, D.A., Fuortes, M.G.F., "Electrical Responses Of Single Cones In The Retina Of The Turtle", J Physiol, 1970; 207:77-92.
	A87	Chow, A.Y., "Electrical Stimulation Of The Rabbit Retina With Subretinal Electrodes And High Density Microphotodiode Array Implants", ARVO Abstracts, Invest Ophthalmol Vis Sci. 1993; 34 (Suppl):835.
	A88	Rubin, M.L., Optics for Clinicians, Gainesville, TRIAD Scientific Publishers, 1974; 119-123.
	A89	Boettner, E.A., Wolter, J.R. "Transmission Of The Ocular Media", Invest Ophthalmol, 1962; 1:776-783.

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FORM PTO-1449	SERIAL NO. 10/600,404	CASE NO. 3614/171
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	FILING DATE June 20, 2003	GROUP ART UNIT 3762
(use several sheets if necessary)		APPLICANT(S): Chow et al.

## REFERENCE DESIGNATION

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER <small>Number-Kind Code (if known)</small>	DATE	NAME	CLASS/ SUBCLASS	FILING DATE
	B1	5,159,927	11/03/92	Schmid		
	B2	5,254,852	10/19/93	Filipovich et al.		

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER <small>Number-Kind Code (if known)</small>	DATE	COUNTRY	CLASS/ SUBCLASS	TRANSLATION YES OR NO
	B3	0 460 320 A2	12/11/91	Europe		
	B4	WO 96/17562	06/13/96	PCT		
	B5	2 016 276 A	09/26/79	United Kingdom		

## OTHER ART - NON PATENT LITERATURE DOCUMENTS

EXAMINER INITIAL		(Include name of author, title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date page(s), volume-issue number(s), publisher, city and/or country where published.
	B6	Copy of European Search Report dated June 17, 2004 for European Application No. EP 04 00 8614

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